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## Multimodal Interaction Technology

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Contemporary and Forward Looking

## Topic 4: LOCOMOTION INTERFACES



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## Locomotion interface

- Enable users to walk around virtual+physical spaces



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## Metaphors

- Real Walking on Treadmills
- Using joystick to move the 'vehicle'



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### Two tourists on a Segway tour in Florence, Italy

Two-wheeled, self-balancing, battery-powered electric vehicle invented by Dean Kamen (Source: Wikipedia)



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## Example application

- CirculaFloor
- Joyman



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## Conclusion

- Locomotion interfaces have rooms for improvement.
- There are still problems and constraints.



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## THANK YOU

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